

## Message Text

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PAGE 01 MONTRE 00401 112321Z

ACTION EB-08

INFO OCT-01 EUR-12 ISO-00 IO-13 CAB-05 CIAE-00 COME-00

DODE-00 DOTE-00 INR-07 NSAE-00 FAA-00 L-03 AF-08

ARA-10 EA-09 NEA-10 /086 W

-----121017Z 002154 /15

R 112144Z MAR 77

FM AMCONSUL MONTREAL

TO SECSTATE WASHDC 8700

UNCLAS MONTREAL 401

E. O. 11652: N/A

TAGS: PORG, EAIR, ICAO

SUBJ: ICAO: AWOP NINTH REPORT

1. MEETING OPENED WITH DISCUSSION OF NETHERLANDS WP-316 ON MONITORING. PAPER CONCLUDED THAT DMLS SINGLE POINT MONITORING WAS BEST MONITORING APPROACH. AUSTRALIAN ADVISOR MADE PRESENTATION TO PANEL ON MONITORING SYSTEMS FOR DMLS AND TRSB STRESSING TRSB ABILITY TO MORE COMPLETELY MONITOR SYSTEM PERFORMANCE OF THE GROUND. LENGTHY DISCUSSION FOLLOWED CULMINATING IN VOTE TO CONSIDER INCLUSION OF NETHERLANDS WORDING IN REPORT. VOTE 9 TO 1 AGAINST. SINGLE VOTE WAS CHAIRMAN'S. RESULT PANEL ACCEPTED THERE IS NO DIFFERENCE IN TRSB AND DMLS MONITORING.

2. PANEL NEXT TOOK UP U.S. MEMBER PAPER ON INTEGRITY. A NUMBER OF POINTS OF PAPER CONCERNING AVAILABILITY, RELIABILITY, MONITORING ACCEPTED. CONTINUITY OF SERVICE WAS NOT ACCEPTED ONLY BECAUSE OF INABILITY TO REACH CONCLUSION ON DEFINITION. SMALL WORKING GROUP ESTABLISHED TO DEVELOP TEXT FOR REPORT ON NEED TO CONSIDER OPERATIONAL ASPECTS OF MLS IMPLEMENTATION. PANEL AGREED THAT TECHNIQUES WERE OPERATIONALLY ACCEPTABLE BUT ATC INTERFACE AND PROCEDURAL IMPLICATION SHOULD BE CONSIDERED. ADDITIONAL SMALL DRAFTING GROUP IS TO PREPARE MATERIAL ON COCKPIT

UNCLASSIFIED

PAGE 02 MONTRE 00401 112321Z

DISPLAYS FOR MLS FOR THE PANEL'S REPORT. PANEL THEN DISCUSSED GROWTH POTENTIAL IN U.K. WP-314 WHICH ADDRESSED CLAIMED SIGNAL PROCESSING AND INTEGRITY ASPECTS OF DMLS. AFTER LENGTHY INTRODUCTION BY U.K. MEMBER, USSR PRESENTED COUNTER PAPER ENTITLED "UNFOUNDED CLAIMS CONCERNING DMLS COHERENT PROCESSING POSSIBILITIES." AGAIN LENGTHY TECHNICAL DISCUSSION OCCURRED. FINALLY,

U.K. MEMBER AGREED THEIR CAPABILITY COULD AT BEST BE QUASI-COHERENT. OTHER PANEL MEMBERS WERE BEGINNING TO SEE CLAIM OF COHERENT SIGNAL PROCESSING IN DMLS AS TRANSPARENT. DISCUSSION THIS SUBJECT WILL CONTINUE TOMORROW. MULTIPATH SUBGROUP WENT THROUGH LL AIRPORT SCENARIOS WITH DMLS RECEIVER WITH VARIABLE AGC. RESULTS SOMEWHAT MORE FAVORABLE FOR TRSB. U.S. PAPER ON REFERENCE SCALLOPING AT BRUSSELS NOW IN CIRCULATION.

3. OVERALL ASSESSMENT. U.K. CLAIM FOR SUPERIOR DMLS MONITORING EVAPORATED. SIGNAL PROCESSING IN DMLS CAUSING QUESTIONS DUE TO COHERENCE ISSUE. TRSB APPEARING TO MAKE SOME TECHNICAL GAINS. ERICKSEN

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## Message Attributes

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**Review Markings:**  
Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
22 May 2009  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009